

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

19.13.99  
Date No.

SA998141  
PATENT

Sir:

Transmitted herewith for filing is the Patent Application of

Inventor(s): **M. Pinarbasi**

For: **SPIN VALVE SENSOR FREE LAYER STRUCTURE WITH A COBALT BASED LAYER THAT PROMOTES MAGNETIC STABILITY AND HIGH MAGNETORESISTANCE**



Enclosed with the Patent Application are:

1. 20 sheet(s) of formal drawing(s)
2. An executed Declaration and Power of Attorney
3. Recordation Form Cover Sheet w/Assignment to **INTERNATIONAL BUSINESS MACHINES CORPORATION**
4. Information Disclosure Statement (with PTO Form 1449 and Cited References)  
A certified copy of a \_\_\_\_\_ application.

The filing fee has been calculated as shown below:

|   | (Col. 1)  | (Col. 2)  |
|---|-----------|-----------|
| FOR:                                      | NO. FILED | NO. EXTRA |
| <b>BASIC FEE</b>                          |           |           |
| TOTAL CLAIMS                              | 54 - 20   | = 34      |
| INDEP CLAIMS                              | 11 - 3    | = 8       |
| <b>MULTIPLE DEPENDENT CLAIM PRESENTED</b> |           |           |

\*If the difference in Col. 1 is less than "0", enter "0" in Col. 2

| OTHER THAN A SMALL ENTITY                  |                  |
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| RATE                                       | Fee              |
|  | \$760.00         |
| x 18 =                                     | \$612.00         |
| x 78 =                                     | \$624.00         |
| + 260 =                                    | \$ .00           |
| ASSIGNMENT (SEPARATE COVER SHEET ATTACHED) |                  |
| <b>TOTAL</b>                               | <b>\$1996.00</b> |

Please charge my Deposit Account No. 09-0442 in the amount of **\$1,996.00**. A duplicate copy of this sheet is attached.  
A check in the amount of \$ \_\_\_\_ to cover the filing fee is enclosed.  
The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0442. A duplicate copy of this sheet is attached.

- Any additional filing fees required under 37 CFR 1.16.  
 Any patent application processing fees under 37 CFR 1.17.

**EXPRESS MAIL CERTIFICATE**

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

"Express Mail No.: EL367498784US  
Date of Deposit: December 9, 1999  
Person Mailing Paper/Fee: Rosalind Kennison

Respectfully submitted,



Erynn F. Johnston (#20,190)  
Attorney for Applicant  
Telephone: 619-334-5883

Signature: Rosalind Kennison

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jc688 U.S. PTO  
09/458581  
12/09/99

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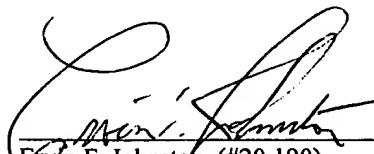
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Attorney for Applicant  
Telephone: 619-334-5883

Signature: Rosalind Kennison